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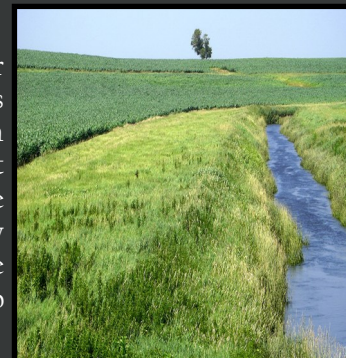
Alexandria, MN 56308

Douglasswcd.com

MN BUFFER LAW:

Buffers Required on Public Waters by November 1st 2017

Douglas SWCD wants to remind landowners about the MN Buffer Law that requires perennial vegetative buffers along public waters and public drainage systems. A 50 ft buffer of perennial vegetation is required along public waters by November 1st of 2017. A 16.5 ft buffer of perennial vegetation (vegetation that will not impede future maintenance) is required along public drainage systems by November 1st of 2018. Areas requiring buffers can be found on the DNR website at www.dnr.state.mn.us/buffers or you can stop in to the Douglas SWCD office to look at the buffer map with our staff.



Douglas SWCD is available to provide technical assistance with the requirements of the MN Buffer Law. Many landowners have come in to discuss buffer requirements and how it affects them. We encourage everyone with cropland adjacent to public waters or public drainage systems to come in to our office and go over buffer requirements. Our staff recently completed a parcel review of all areas impacted by the MN Buffer Law based on aerial imagery and will be sending out letters this winter to landowners who are impacted by the law.

Currently there are programs available that would pay landowners to enroll these areas into perennial vegetation. Programs such as CRP, CREP and the Hayed Buffer Program (this program is only for land in the Sauk River Watershed) will pay an annual rental payment and provide cost-share to help pay for site prep, seed, and seeding. With CREP you would also receive a one-time easement payment. If you are interested in enrolling into a conservation program such as one of these, we recommend that you stop in soon because available acres for these programs could run out.

Winter is going by fast and soon everyone will be busy with spring planting. This does not leave much time for areas requiring a buffer to be planted. Douglas SWCD staff is available to help landowners with technical assistance related to the buffer law, so please stop in if you have any questions.

TREE OPEN HOUSE



Douglas SWCD will host their annual Tree Open House on Wednesday, Feb. 22, 2017, at the USDA Service Center (directly behind McDonald's on Hwy. 29 North in Alexandria).

Stop in between 9:00 a.m. and 4:00 p.m. to enjoy cookies, coffee and apple cider. SWCD and NRCS Staff will be on hand to assist you with planning, layout and species selection for your tree planting projects.

If you are unable to attend the Tree Open House, but still want to order trees, please see our Tree Order List, (page 9 in this newsletter). For additional questions, please call the Douglas SWCD at 320-763-3191, Ext. 3.



Things can get a little scary at times along Ditches and streams when we crop too close to the banks. Unstable banks can be a safety hazard for producers!

Why not put this area into a vegetated buffer strip and receive an annual rental payment?

It's a lot safer, helps protect our natural resources from runoff and stabilizes ditch and stream banks by enhancing deep rooted perennial vegetation that can be cut for hay if needed.

For the past year, the Sauk River Watershed District (SRWD) has been working with local farmers, a crop consultant, the Minnesota Extension Service and technical staff from Soil and Water Conservation Districts (SWCD) to develop a buffer program that benefits both the landowner and the water resource of concern. This cooperative effort designed the SRWD's new "Hayed Buffer Program" which allows a landowner to meet the 50 foot vegetated buffer State rule and still benefit financially. The SRWD's Hayed Buffer Pilot Program offers landowners 75% cost share to establish a 50 foot vegetated buffer and offers a \$150 annual payment per acre to keep the buffer in place for 10 years. In addition, the landowner is allowed to harvest the vegetation twice a year for forage. It is anticipated that by the end of the 10 years the landowner has adopted the buffer into their farm management practices.

Residents within the Osakis Lake watershed are encouraged to participate in this "limited time" program to benefit Osakis Lake. Land eligible for enrollment in this program must be existing cropland or pastureland adjacent to perennial and intermittent streams, public ditches or private ditches. The buffer must be a minimum of 50 feet wide and maintained for 10 years.

TO PARTICIPATE IN HAYED BUFFER PROGRAM CONTACT:

- Douglas County Residents: Andrew Rice at the Douglas SWCD at 320-763-3191 Extension 3
- Todd County Residents: Sabin Adams at Todd County NRCS 320-732 6618 Extension 3

If you have any questions regarding the Hayed Buffer Program please contact the SRWD at 320-352-2231.



MEET DOUGLAS SWCD & NRCS NEW STAFF



Hi, my name is Danica Derks. In June 2016, I joined the Douglas SWCD staff as a Water Resource Technician. In addition to updating and implementing action items within the Douglas County Comprehensive Water Plan, I will be applying for grant funding, coordinating educational events, aquatic invasive species (AIS) and water quality monitoring, and collaborating with local partners to develop water quality conservation projects.

I am a graduate of the University of Wisconsin – Stevens Point, where I received a B.S. in Water Resources and Geographic Information Systems (GIS). Following graduation, I was a seasonal Pollution Control Technician for the Minnesota Pollution Control Agency, in which I surveyed streams for fish, macroinvertebrate, water chemistry and plant species. I was also employed as a GIS Technician at Todd County to manage, organize, and create spatial data.

In my free time, I enjoy spending time outdoors, fishing, hiking, and running. As a Wisconsin native, I am an avid Green Bay Packers and Brewers fan! I currently reside in Fergus Falls with my husband. I am looking forward to meeting and assisting Douglas County landowners with any water quality and conservation needs!



My name is Andy Rice, I am a District Technician with the Douglas SWCD. I began working in the Alexandria office in February of 2016. One of my primary job duties as a technician is working with landowners that are impacted by the MN Buffer Law. Other duties include working with landowners to help reduce erosion and improve water quality on their land through various state and federal conservation programs. I am also coordinating the district tree program.

Before joining the Douglas SWCD, I was Farm Bill/District Technician at Stevens SWCD in Morris for almost 10 years. I was involved with the promotion, implementation, and maintenance of conservation programs that included CCRP, CRP, RIM, WRP-RIM, State Cost-Share and EQIP. I also coordinated the district tree program and administered the Walk-In Access program.

I grew up in Southwestern MN and graduated from Southwest Minnesota State University in Marshall, where I received a B.S. degree in Environmental Science. In my spare time I enjoy hunting and spending time on the lake with my family. I am currently living in Alexandria with my wife and two sons. I look forward to meeting and working with landowners in Douglas County.



Hello, my name is Adrian Aragon and I am a Soil Conservationist with the USDA-NRCS in Alexandria, MN. I am originally from Albuquerque, NM and am the youngest of three children. New Mexico is a very unique state and I was very fortunate to grow up there. The rich diversity of culture is reflected in the food and customs that have their origin in the Native Pueblo peoples and the descendants of the Spanish Colonial settlers who came to New Mexico in the 1500's. My family is descended from both the Pueblo and Spanish people.

I attended Elementary, High School, and College in Albuquerque. After graduating high school I attended the University of New Mexico in Albuquerque where I received my Bachelor of Science Degree. My Major was in Biology and my Minor was in Anthropology. I guess my interest in agriculture originated in the time I spent outside of school at the Forest Service Regional Office where my mother worked for 27 years. I learned enough there to gain an interest in the natural sciences and go on to concentrate my studies in that area in college.

Following graduation, I was offered a position with NRCS in Arizona where I was also a Soil Conservationist. I have to admit that there is a noticeable difference between conservation and its' methodology in the Southwest compared to Minnesota. In my free time I paint religious icons and enjoy the outdoors. I also enjoy traveling and during my lifetime my travels have taken me to Italy and have visited or spent time in the following states: Arizona, California, Connecticut, Louisiana, Tennessee, Texas and Washington. To a greater or lesser degree, I speak/read/write Spanish, French, Italian, Portuguese, and some of the Native Pueblo languages. I entered on duty here in Minnesota with the NRCS on May 29, 2016.



ANNOUNCEMENT

January 17, 2017 Governor Dayton signed an agreement with the United States Department of Agriculture (USDA) to launch the Minnesota Conservation Reserve Enhancement Program (CREP). The CREP is a federal-

state natural resource conservation program that targets environmentally sensitive land across 54 counties in southern and western Minnesota.

The CREP agreement, jointly administered by BWSR and the USDA Farm Services Agency (FSA), will provide long-term protection for 60,000 targeted acres in high-priority areas, protecting drinking water supplies, improving the health of streams, rivers and lakes, and enhancing habitat.

The \$500 million program includes \$350 million in federal funds providing direct payments to landowners and \$150 million of State funds (a greater than 2:1 leverage).

This signing is an important milestone, kicking off program implementation. Work now focuses on finalizing the FSA manual amendment and directives and additional MN CREP guidance, with training for local government staff following in late February/March. The sign-up for landowners will begin in Spring 2017.

More specific information will be coming in the weeks ahead, but in the meantime, you can view the governor's press release, the CREP map, and other background information about the MN CREP at www.bwsr.state.mn.us/crep.

Mark Your Calendars



- ◆ Tree Open House - February 22, 2017
- ◆ Jr. & Sr. Envirothon - April 19, 2017
- ◆ Kids Groundwater Festival - May 3, 2017

FOOD PLOT MIXES

The Douglas SWCD will once again have food plot seed available for landowners. Two different deer mixes are available, a perennial mix and an annual mix. The perennial mix includes Alsike Clover, Lanino Clover, Medium Red Clover, White Dutch Clover, and Chicory. The annual mix includes Forage Peas, Radish, Turnips, and Haybet Barley. The SWCD also has a Pheasant/Turkey mix containing Wildlife Sunflower, Wildlife Grain Sorghum, FSG Pearl Millet, and Sugar Graze II Sorghum Sudangrass. Each mix is packaged in 1 acre bags. Food plots are important to retain wildlife in your area after crops are harvested in the fall and to provide feed to wildlife throughout winter season.

NO-TILL DRILL AVAILABLE

In 2016 the Douglas SWCD purchased a new 10' Haybuster No-till Drill that they will have for rent. This drill works well for seeding native grasses, alfalfa, soybeans, and small grain. The drill rents for \$9.00 per acre with a \$100.00 minimum. The SWCD will deliver the drill, calibrate it for your seed and pick it up when you are finished. Call the SWCD to reserve the drill.



Watch your local papers for Douglas Soil and Water Conservation District (SWCD) as to when they will hold their Free Nitrate Testing Clinic.

2016 DOUGLAS COUNTY'S OUTSTANDING CONSERVATIONISTS

Craig and Julie Haseman were recently honored as outstanding conservationists at the annual meeting of the Minnesota Association of Soil and Water Conservation Districts, December 4-6, 2016 in Bloomington, Minnesota. They were selected by the Douglas Soil and Water Conservation District (SWCD) for the award.

Each year, the state's SWCDs recognize individuals and organizations for outstanding accomplishments in implementing conservation practices and improving Minnesota's natural resources. The award program is conducted with support from The Farmer magazine, and the award ceremony receives sponsorship from the *Minnesota Corn Growers Association*.



Douglas County FSA News and Updates

The Livestock Indemnity Program (LIP) provides assistance to eligible producers for livestock death losses in excess of normal mortality due to adverse weather and attacks by animals reintroduced into the wild by the federal government or protected by federal law. LIP compensates livestock owners and contract growers for livestock death losses in excess of normal mortality due to adverse weather, including losses due to hurricanes, floods, blizzards, wildfires, extreme heat or extreme cold.

For 2017, eligible losses must occur on or after Jan. 1, 2017, and no later than 60 calendar days from the ending date of the applicable adverse weather event or attack. A notice of loss must be filed with FSA within 30 days of when the loss of livestock is apparent. Participants must provide the following supporting documentation to their local FSA office no later than 90 calendar days after the end of the calendar year in which the eligible loss condition occurred.

- Proof of death documentation
- Copy of growers contracts
- Proof of normal mortality documentation

Additional Information about LIP is available at the Douglas FSA office or online at: www.fsa.usda.gov.

General Notes:

Producers are scheduling appointments to complete the enrollment process for the 2017 production year in the ARC/PLC Program.

Notify FSA of Farm Records changes for your operations including: sales of land, transfer to trust or other entity, death of an owner, new operation of land, or reorganization of farming operations.

Notify FSA prior to conducting land clearing or drainage projects to ensure compliance

Notification of Loss for Emergency Assistance for Livestock, Honeybees, and Farm Raised Fish Program (ELAP) - 30 calendar days of when the loss became apparent

Tree Assistance Program (TAP) application deadline - 90 calendar days after the disaster event of when the loss became apparent

Contact the Douglas County FSA Office with any questions or concerns regarding these and other programs administered by the Douglas FSA Office @ 320-763-3191.



Minnesota Ag Water Quality Certification Program

The Minnesota Agricultural Water Quality Certification Program (MAWQCP) has surpassed 300 certified farms, marking a year of strong growth. This voluntary program works with farmers and landowners to identify and mitigate risks to water quality on a field by field basis. The Minnesota Agricultural Water Quality Certification Program has certified 323 farms over 176,862 acres representing virtually every kind of agricultural production from all across the state.

The 300th farm certified is the Twin Eagle Dairy operated by Pat and Jody Lunemann in Todd County. “We wanted to get certified to demonstrate that we are doing the best job we can to make sure we have clean water,” said Pat Lunemann. “Initially, we didn’t know what to expect with the program, but as we worked with our local certification specialists we found solutions that worked for our farm and protected the water.”

After being certified, each farm is deemed to be in compliance with new water quality laws and regulations for 10 years. Certification is also an approved practice farmers can use to comply with the new state buffer law. Certified farmers and landowners can use their certification status to promote their businesses as protective of water quality. Those interested in the program can contact the Douglas County SWCD office and visit MyLandMyLegacy.com.

WALK IN ACCESS

The Walk In Access program targets 40 acres or more that are already in Conservation Programs or non crop areas and the program is entirely voluntary for landowners. Most landowners choose to enroll their property for two or three years. Landowners are paid \$10 per acre to allow hunting access. Up to \$3 per acre are added if within 1/2 mile of existing state or federal hunting land, or if a multiyear contract is signed.

Enrolled lands are covered under the Minnesota recreational use laws that limit landowner’s liability. Where private leases do not, recreational use laws provide extra liability protection for WIA acres under MN State Statute 604A.20 to 604A.27. WIA land is for hunting only. No motorized vehicles are allowed on WIA areas and parking is along roads or in designated parking area. No target practice, trapping, dog training, camping, horseback riding or fires are allowed in WIA areas. DNR conservation officers handle any WIA violations as well as any hunting violations.

If you have any questions about the program or if you are interested in enrolling your conservation land into the program, please stop by Douglas SWCD office at 900 Robert Street or give Josh a call at (320) 763-3191 ext. 3.

CRP OPTIONS

We have new land and re-enrollment options for the Conservation Reserve Program (CRP) available.

You have options! NRCS in conjunction with FSA is offering choices for those that have land coming out of CRP this year, approximately 5,000 acres throughout Douglas County. If you are not currently enrolled in the CRP program, this would be a great opportunity to sign up. There are practices available that could benefit your current farm management and positively impact your landscape and environment, for example;

*Duck Nesting Habitat
Living snow fences*

*Farmable Wetland Programs
Riparian Forest Buffers*

*Field windbreaks
Shelterbelts*

*Filter strips
Wetland Restorations*

If you are interested in CRP options for your land, please contact Josh Meissner (Farm Bill Biologist) at 320-763-3191 Ext. 3 to setup an appointment.

If you plan to crop your expiring acres, be aware that HEL fields require an approved conservation compliance plan that can be written by local NRCS office staff in Alexandria. If you are unsure of a fields NHEL/HEL status, feel free to contact our office for further assistance.

CONSERVATION STEWARDSHIP PROGRAM (CSP)

The U.S. Department of Agriculture's Natural Resources Conservation Service (NRCS) has offered the Conservation Stewardship Program (CSP) for the past several years and will again in 2017.

Through the Conservation Stewardship Program, farmers, ranchers, and forest landowners are going the extra mile to conserve our nation's resources. Through their conservation actions, they are ensuring that their operations are more productive and sustainable over the long run.

The CSP is an important Farm Bill conservation program that helps established conservation stewards with taking their level of natural resource management to the next level to improve both their agricultural production and provide valuable conservation benefits such as cleaner and more abundant water, as well as healthier soils and better wildlife habitat.

CSP is another example of USDA's comprehensive focus on promoting environmental conservation and strengthening the rural economy, and it is a reminder that a new Food, Farm and Jobs Bill is pivotal to continue these efforts. CSP is now in its Eighth year and so far, NRCS has partnered with producers to enroll more than 70 million acres across the nation.

The program emphasizes conservation performance producers earn higher payments for higher performance. In CSP, producers install conservation enhancements to make positive changes in soil quality, soil erosion, water quality, water quantity, air quality, plant resources, animal resources and energy.

Some popular enhancements used by farmers in Minnesota include:

- Using new nozzles that reduce the drift of pesticides, lowering input costs and making sure pesticides are used where they are most needed
- Precision nutrient application with variable rate application using crop management zones which can reduce inputs and increase yields.
- Establishing pollinator and/or beneficial insect habitat
- High level integrated pest management, reducing pesticide risk to the environment
- Rotating feeding areas and monitoring key grazing areas to improve grazing management.
- Extending filter strips for water quality protection.
- Using cover crops to break up compaction, improve soil health, weed suppression, or scavenge or fix nitrogen.
- Use of Nitrification Inhibitors

While local NRCS offices accept CSP applications year round, NRCS evaluates applications during announced ranking periods. To be eligible for this year's enrollment, producers must have their applications submitted to NRCS by the application deadline of February 3rd.

A CSP program evaluation will be required. The evaluation determines basic information about CSP eligibility requirements, stewardship threshold requirements and payment types.

For the evaluation or activities list and to learn more about CSP, visit the NRCS CSP website at <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/csp/> or visit your local USDA NRCS office.

ENVIRONMENTAL QUALITY INCENTIVE PROGRAM (EQIP)

The USDA's Natural Resources Conservation Service (NRCS) will be ranking Environmental Quality Incentives Program applications to help producers improve water and air quality, build healthier soil, improve grazing and forest lands, conserve energy, enhance organic operations, and achieve other environmental benefits.

Applications for 2017 EQIP program funding consideration were taken during a signup period last summer. Applications for 2018 EQIP program funding are being taken now until an announced cutoff date which will probably be August again this year. If additional initiatives are announced by USDA there could be separate signup deadlines for those later but applications are taken on a continuous basis.

Minnesota producers implement conservation practices through the Environmental Quality Incentives Program (EQIP), the agency's largest Farm Bill conservation program. Interested producers should visit their local NRCS service center early to discuss resource concerns & get information on the EQIP program. Applications are taken year round on a continuous basis and reviewed for funding during certain review periods. Producers located in parts of the Chippewa River Watershed in Douglas, Grant & Ottertail Counties have an opportunity to apply for Minnesota River Basin Initiative (MRBI) dedicated funds in EQIP during 2016, 2017, & 2018. Payment rates in the MRBI designated area are at a higher rate than general EQIP rates. Contact NRCS for more information.

The Environmental Quality Incentives Program offers farmers, ranchers and forestland managers a variety of options to conserve natural resources. General EQIP funding covers many conservation practices to treat resource concerns. Separate Initiative funding targets treatment of special concerns and may be considered for funding. Some initiatives for Minnesota include:

Honey Bee Pollinator, Landscape Restoration Partnership-North Shore Coastal Forest Restoration, Mississippi River Basin Initiative, National Water Quality Initiative, and Grassland Retention Initiative, Great Lakes Restoration Initiative, Red River Basin Initiative

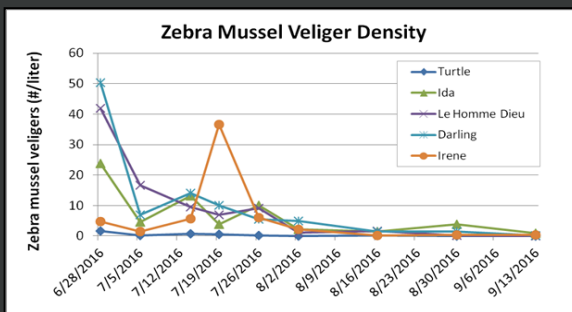
An EQIP conservation investment helps improve environmental health and the economy of Minnesota's communities.

EQIP provides financial assistance for a variety of conservation activities, such as Pollinator Habitat, Farm Energy Improvement, No-Till, Cover Crops, Water & Sediment Control Basins, Terraces, Rotational Grazing Systems, Nutrient Management, and much more.

To participate in EQIP, an applicant must be an individual, entity or joint operation that meets EQIP eligibility criteria. Potential applicants can contact their local NRCS service center to discuss their resource concerns to determine if EQIP can help.

For more information about EQIP or other technical or financial assistance programs offered by NRCS, please contact your local service center: In Douglas County-320-763-3191 or go to: <http://www.nrcs.usda.gov/>

DOUGLAS COUNTY ZEBRA MUSSEL VELIGER SAMPLING –2016



Zebra mussels are a non-native aquatic invasive species (AIS) that were first confirmed in Douglas County by the Minnesota Department of Natural Resources (DNR) in the summer of 2009. As of November 2016, there are 33 lakes within the county listed as infested with Zebra mussels.

In cooperation with Douglas County Land and Resource, Douglas SWCD, Douglas County Water Patrol and RMB Environmental Laboratories, a Zebra mussel veliger study was created to monitor six lakes (Ida, Darling, Le Homme Dieu, Irene, Miltona, Turtle) to determine veliger density patterns. In addition, several local volunteers collected samples on Chippewa, Lobster, Taylor, Pocket, Rachel, Red Rock, Smith, Stony, Union, and Vermont lakes for Zebra mussel veliger presence / absence.

The overall results indicate the highest densities; therefore risk for veliger transfer is during the month of July, specifically, early July around the holiday. In relation, this is also the time of year when Douglas County lakes see an increase of boating activities.

In 2016, Douglas County conducted over 9,500 watercraft inspections at 30 public water accesses on 23 lakes in Douglas County. Education, public awareness, on-site prevention, and monitoring/management are all key components to slow the spread of AIS within Douglas County.

CLEAN WATER FUND GRANTS



In 2016, Douglas SWCD was awarded \$320,430 for two highly competitive Clean Water, Land and Legacy Amendment grant applications through Minnesota Board of Water and Soil Resources. The funding will be utilized to provide cost-share for soil investigations on unpermitted Liquid Manure Storage Areas (LMSA) on registered feedlots in groundwater vulnerable townships. Additionally, the funding will be used for the investigation of nutrient inputs to Lake Ida, including County



Ditch #23 and the Minnesota DNR Aquatic Management Area adjacent to the lake. A qualified, professional engineer will analyze the water and soil data, topology and hydrology to design a project to decrease nutrient loading into Lake Ida.

CONSERVATION TREES AVAILABLE

The Douglas SWCD is now taking orders for trees for the spring of 2017 plantings. Whether you are looking at planting a hedge, shelterbelt, living snow fence, field windbreak or wildlife habitat, we have the right shrubs and trees for all your needs. We offer a variety of small shrubs, large shrubs/small trees, deciduous trees and conifers (see page 9 for trees varieties).

Not only do we provide trees for your selection, we provide services from planning to planting. Our staff will gladly work with you on finding the right tree for your site. We can provide design assistance for farmstead shelterbelt, field windbreak, living snow fence and wildlife habitat plantings.

If you are looking at completing a tree planting, you might be eligible for cost-share to help pay for the planting. There are federal and state programs that provide cost-share to help pay for the costs associated with a tree planting. Contact the Douglas SWCD for your tree planting needs and get growing!



TREE PLANTING AND FABRIC MULCH



The Douglas SWCD provides services that include tree planting, fabric mulch installation and tube installation. Fabric mulch will improve the survival rate of your trees by providing moisture retention and protection from weed competition. With the fabric mulch, post-planting maintenance is virtually eliminated. Tree tubes will protect your trees from rodents and deer, encourage straight sturdy trees and act as mini-greenhouses reusing the moisture from the trees. Cost-Share is available for eligible practices. Contact the SWCD office to learn more.

2017 Tree Order (320) 763-3191 Ext. 3		Paid _____ Receipt# _____	
Douglas Soil & Water Conservation District 900 Robert St. Suite 102, Alexandria, MN 56308			
Date	Name	Phone	
Address	City	State	Zip Twp. Sec.
Payment of trees must accompany order. Trees will be reserved for you upon payment only. Make check payable to Douglas SWCD. Substitution of tree size may be necessary as our suppliers cannot guarantee us tree size. No guarantee can be made for trees not surviving.			
Quantity	Size	Species of Trees	Growth Rate Mature Height Cost
Small Shrubs (Sold in multiples of 25 @ \$1.50 each)			
	2-3'	Arrowwood Viburnum	Moderate 5-10'
	2-3'	Buffaloberry	Moderate 12-18'
	2-3'	Nanking Cherry	Rapid 6-10'
	2-3'	Black Chokeberry	Moderate 4-8'
	18-24"	Cotoneaster	Moderate 6-8'
	18-24"	American Cranberry Bush	Moderate 12-15'
	2-3'	Gray Dogwood	Moderate 7-10'
	2-3'	Redosier Dogwood	Moderate 7-10'
	2-3'	Juneberry	Moderate 8-8'
	18-24"	Common Lilac	Mod-Rapid 8-12'
Large Shrubs (Sold in multiples of 25 @ \$1.50 each)			
	2-3'	Apricot	Mod-Rapid 15-25'
	2-3'	Mountain Ash	Slow 15-25'
	2-3'	Chokecherry	Mod-Rapid 20-25'
	2-3'	Red Splendor Crab	Rapid 15-20'
	2-3'	Nannyberry	Moderate 15-20'
	2-3'	American Plum - Prairie Red	Mod-Rapid 15-20'
	2-3'	Laurel Leaf Willow	Rapid 25-30'
Large Trees (Sold in multiples of 25 @ \$1.50 each)			
	2-3'	Paper Birch	Rapid 50-70'
	2-3'	Black Cherry	Moderate 50-70'
	2-3'	Pin Cherry	Moderate 40-55'
	2-3'	Sioux Cottonwood - Cottonless	Rapid 80-100'
	2-3'	Hackberry	Rapid 60-90'
	2-3'	Red Maple	Mod-Rapid 50-70'
	2-3'	Silver Maple	Rapid 60-90'
	2-3'	Sugar Maple	Moderate 60-80'
	18-24"	Bur Oak	Slow 70-80'
	18-24"	Red Oak	Moderate 60-80'
	2-3'	Black Walnut	Moderate 80-100'
Conifers (Sold in multiples of 25 @ \$1.50 each)			
	12-18"	Northern White Cedar	Moderate 40-50'
	7-15"	Ponderosa Pine	Moderate-Rapid 60-100'
	7-15"	Scotch Pine	Rapid 60-100'
	12-18"	Black Hills Spruce	Moderate-Rapid 45-60'
	10-18"	Colorado Spruce	Slow 50-100'
	15-24"	Norway Spruce	Rapid 80-100'
Potted Trees (\$8.50 each)			
	15-18"	Northern White Cedar	Moderate 40-50'
	15-18"	Ponderosa Pine	Moderate-Rapid 60-100'
	15-18"	Scotch Pine	Rapid 60-100'
	15-18"	Black Hills Spruce	Moderate-Rapid 40-60'
	15-18"	Colorado Spruce	Slow 50-100'
	15-18"	Norway Spruce	Rapid 80-100'
Ask about other species before January 30			Tree Cost
Planting Charges:			Tube Cost
\$0.60 Machine Planting	Fabric Muleh Install. \$1.50 per ft.	#Tubes Tube/Stake Chgs. (0-99) \$2.85 ea.	Stakes Cost
\$0.60 Your Tractor for Planting		(100-499) \$2.65 ea.	Subtotal
\$0.75 Our Tractor for Planting		(500-999) \$2.45 ea.	7.380% Sales Tax
\$1.00 Hand Planting		(1000+) \$2.25 ea.	Planting Charges
(\$75.00 Min. Pltg. Chg.)			Tube Installation
\$1.00 Tube Install Chg.			Grand Total
* Tree Tubes Recommended		5' Stakes \$1.25 ea	
** Tree Tubes Strongly Recommended			

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Douglas Soil and Water Conservation District
900 Robert Street Suite 102
Alexandria, MN 56308
320-763-3191 Ext. 3

WETLAND CONSERVATION ACT (WCA)

Landowners are encouraged to check with the SWCD before beginning any project that may impact a wetland(s). The State of MN has wetland laws regulating the draining, filling or excavation with wetlands. Although similar in many ways, the laws are different. Do not assume because you meet federal law requirements, you will also meet MN State law requirements.

In recent years there has been a dramatic increase in the installation of/or additions/upgrade to drain tile systems. These activities need to be reviewed by our staff to prevent wetland drainage violations. It is also a good idea to check with our office before cleaning drainage ditches as such activities may impact wetlands. Some drainage ways are classified as Protected Waters by the MN Department of Natural Resources (MN DNR) and require permitting through that agency as well. One issue that occurs periodically is impacts to what are classified as Type 1 and or/Type 2 wetlands. The MN DNR has a good website www.dnr.state.mn.us/wetlands/types_technical.html with images, describing the different wetland types. Just because the area does not have standing water and cattails does not mean it is not a wetland. We encourage you to visit the website or contact our office if you are unsure if an area is a potential wetland.

NATIVE GRASS AND FORB SEED MIXES

The Douglas SWCD will have native grass and forb (flowers) seed mixes available to landowners for conservation practices. We will work with landowners on what type of seed mix is required for the practice they are enrolling into. Typically we have set mixes for the different practices, but we can work with landowners on custom mixes if desired. Native grass and forb plantings provide optimum habitat for wildlife and their deep root systems make them effective with erosion control.